

SYSTEM, METHOD AND APPARATUS FOR SUPPORTING A KERNEL MODE DRIVER

Abstract of the Disclosure

5 An invention is disclosed that provides a set of common software routines that may be
accessed by device drivers in support of the Windows Management Instrumentation system.
The set of common routines includes typical routines that would ordinarily be executed by
device drivers designed in accordance with WMI. The common routines may reside in a
library, dynamically accessible by the device drivers. When a device driver receives a message
10 from the WMI system, the device driver may pass the message to the library to be handled in
a common manner. In this manner, the developers of device drivers in accordance with the
WMI system need only develop so much code as is necessary to support any unique features
or data storage of its associated hardware. The result is shortened development time and
fewer programming errors. In addition, the overall system performance may be improved
because fewer instances of similar code are loaded in memory to support the WMI system.

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